

Name: RENU DEEPTI SURAPANENI  
Designation: Assistant Professor  
Department: Information Technology  
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Experience (in years): Teaching:06      Research: NIL      Others(if any, specify):NIL

AICTE ID: 1-2939513906

Date of Birth: 05/09/1989

### 1. Educational / Technical qualifications:

S.No	Level (UG / PG / Ph.D)	Year of passing	Specialization
1	MTECH	2012	CSE
2	BTECH	2010	IT
3	Intermediate	2006	
4	SSC	2004	

### 2. Teaching and Learning:

- 2.1. Teaching Interests: Computer Networks, Data mining, SE, SPM,STM
- 2.2. Novel Teaching & Learning Techniques adopted: Think-Pair-Share, POGIL
- 2.3. Involvement in curriculum updating / Design: NIL

### 3. Co-curricular and Extra-Curricular Activities:

- 3.1. Interests and Hobbies: gaining knowledge about latest trends and techniques, music
- 3.2. CCA/ECA Organized: NIL
- 3.3. CCA/ECA participated: Member in IAENG
- 3.4. Counseling and Mentoring Activity: Counsels and guide my mentees into a right path
- 3.5. Committees involved in:

Department level: Remedial and tutorial classes coordinator, Admission incharge, 1<sup>st</sup> year class coordinator, 2<sup>nd</sup> years SPOC

### 4. Conference / Workshop / Seminar / Guest Lectures :

- 4.1 Conducted: NIL
- 4.2 Attended:

- Two days national workshop on “web application development using python” at VNRVJIET on 4<sup>th</sup> and 5<sup>th</sup> april,2016
- One week FDP conducted by NITW on “Sensor networks and IOT” in the month of December 2016
- Three day workshop on “Recent trends in image and video processing” at VNRVJIET.
- A One Week training programme on “Instructional Design and Delivery System” conducted by NITTTR
- online one week FDP on "Industry Expectations From Data Mining And Blockchain Professionals" organised by department of CSE ,VNRVJIET,in collaboration with CSI VNR SC, duration 25th to 29th May-2020
- online one week FDP on "Artificial Intelligence and Machine Learning for Engineering Applications" organised by department of CSE ,IT & ECE,VNRVJIET, duration 8th to 12th-June-2020

## 5. Academic Contribution and Research & Consultancy:

5.1. Invited Lectures: NIL

5.2. Articles / Chapters published in Books: NIL

5.3. Books published as single author or as editor: NIL

5.4. Projects Guided:

a) UG:03

b) PG:01

5.5. Research Interests: AI/ML

5.6. Ph.D. students:

a) Enrolled: NIL

b) Submitted: NIL

c) Awarded: NIL

5.7. Papers published in reviewed journals:

S.No	Title of the Paper	Journal Name Vol.No. PP	ISBN/ISSN No.	Impact Factor/ Citation Index	National/ International
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1	A Novel Data Mining based approach for Remote	(IJCTT),V3(3):1022-1027	ISSN 2231-2803	1.517	International
2	Efficient algorithm for mining high utility itemsets from large datasets using vertical approach	(IOSR),V18,I4	2250-3021	3.71	International
3	Enhancing the Security of Online Card Payment System	IJATCSE,vol-9	ISSN 2278-3091	0.2	International
4					

5.8. Papers presented at National / International Journals:

S.No	Title of the Paper	Names of the Conference/ Seminars	National/ International	Period
1	A Survey on stream processing and streaming analytics for real-time big data	ICRACSC-2016	International	29 <sup>th</sup> & 30 <sup>th</sup> dec 2016
2	Implementation of power law model for assessing software reliability	ICCII-2017	Springer	Dec-2018
3	A TDMA Scheduling for Particle Swarm Optimization-Based Unequal Clustering in WSN: PSO-UFC-TDMA	ICACECS-2020	Springer	Aug-2020
4	Shielding software defined networks using hidden authentication technique	ICRTC-2021	International	May-2021

5.9. Sponsored research Projects: NIL

S.No	Title	Agency	Period	Grant amount	Ongoing / Completed

5.10 Consultancy Projects: NIL

S.No	Title	Agency	Period	Sanctioned Amount	Ongoing / Completed

**6. Awards / Honors received:** NIL

**7. Motto:** A good education is like a savings account; the more you put into it, the richer you are.